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Listing of the Claims

1-26. (Cancelled)

27. (Previously Presented) A livin-derived peptide selected from one of p30-Livin α and p28-

Livin β.

28. (Previously Presented) A livin-derived peptide selected from one of p30-Livin α and p28-

Livin β , wherein said p30-Livin α peptide comprises the sequence substantially as defined in

SEQ ID NO:1, or functional analogues, derivatives or fragments thereof having pro-apoptotic

activity, and wherein said p28-Livin \(\beta \) peptide comprises the sequence substantially as defined in

SEQ ID NO:2, or functional analogues, derivatives or fragments thereof having pro-apoptotic

activity.

29. (Currently Amended) A peptide as defined in claim 28, wherein said p30-Livin α is

denoted by the amino acid sequence as defined in SEQ ID NO:1 and said p28-Livin β is denoted

by the amino acid sequence as defined in SEQ ID NO:2.

30. (Previously Presented) A pharmaceutical composition comprising as active ingredient at

least one peptide as defined in claim 28.

31. (Previously Presented) A pharmaceutical composition as defined in claim 30, for

inducing and/or enhancing apoptosis.

32. (Currently Amended) A pharmaceutical composition as defined in claim 31, wherein said

apoptosis is induced by a treatment or agent selected from the group consisting of one of

etoposide, anti-CD95/Fas, TNFα and staurosporine.

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33. (Previously Presented) A pharmaceutical composition as defined in claim 32, for

inducing programmed cell death.

34. (Previously Presented) A pharmaceutical composition as defined in claim 33, for

inducing programmed cell death of malignant cells.

35. (Currently Amended) A method of inducing and/or enhancing apoptosis or programmed

cell death in cells, comprising administering an effective dosage of [[the]] a peptide of claim 28,

or a composition comprising thereof, to said cells.

36. (Previously Presented) The method as defined in claim 35, wherein said cells are

malignant cells.

37. (Previously Presented) A method of enhancing the sensitivity of cells to death-inducing

treatments or agents, comprising the steps of:

(a) Introducing a Livin-derived peptide as defined in claim 28, or a composition

comprising thereof, into a cell; and

(b) Treating said cell with death-inducing agents or treatments.

38. (Previously Presented) The method as defined in claim 37, wherein said cells are

malignant cells.

39. (Currently Amended) The method as defined in claim 37, wherein said death-inducing

treatments or agents are selected from the group consisting of one of etoposide, anti-CD95/Fas,

TNF α and staurosporine.

40. (Currently Amended) A method of preparation of a pharmaceutical composition for the

induction of apoptosis, comprising the step of admixing one of the peptides as defined in claim

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28[[,]] with a pharmaceutically acceptable adjuvant, carrier or diluent, and optionally with at

least one additional active agent.

41. (Currently amended) A method of treating cancer, said method comprising administering

a therapeutically effective amount of [[the]] a peptide as defined in claim 28, or a composition

comprising thereof, to a subject in need of said treatment.

42. (New) A plasmid comprising DNA encoding a p30-Livin α peptide as defined by SEQ ID

NO:1 or a p28-Livin β peptide as defined by SEQ ID NO:2.

(New) A viral vector comprising DNA encoding a p30-Livin α peptide as defined by 43.

SEQ ID NO:1 or a p28-Livin β peptide as defined by SEQ ID NO:2.

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